

MONUMENT RECORD

Corner ID: **BeanBI_i25**

Section Corner

Sections 32 & 33- T11N-R02W, 2nd P.M.
Bean Blossom Township, Monroe County, Indiana

Section 32
T11N-R02W

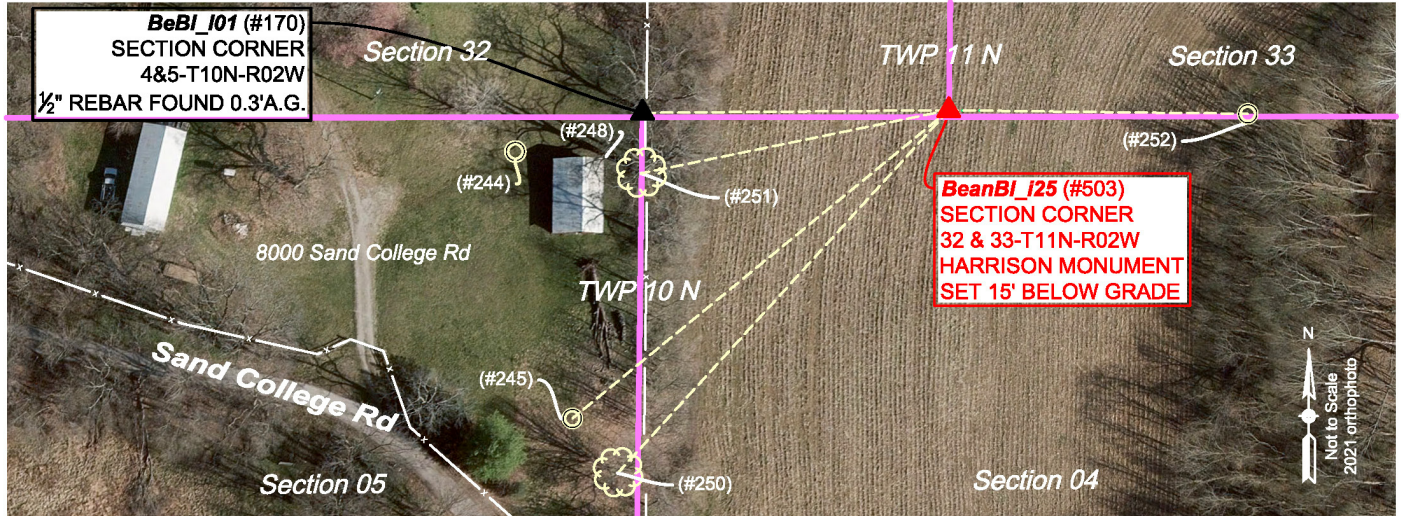
Section 33
T11N-R02W

Section 05
T10N-R02W

Section 04
T10N-R02W

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
Harrison monument (#503) inscribed Section Corner, set 15" below ground, in a crop field.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES: Describe at least three new BT's (Bearing Trees) and/or witness objects established or work done to preserve existing evidence. BT diameters are noted as dbh (diameter at breast height) and are measured approximately 4.5' above ground. Bearings and Distances are measured from the monument to the center of the BT. Bearings and Distances to witness ties were measured with a Sokkia Set 510 Total Station.

ID	Bearing	Distance	Description
(#251)	S78° 24'W	164.5'	30" diameter Walnut tree
(#250)	S42° 22'W	257.3'	24" Sugar Maple tree
(#248)	S81° 10'W	187.0'	Northeast corner wooden barn

MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Witnesses noted as a Rebar Lite are a 5/8" diameter by 16" polycarbonate rod with a 1-1/2" mag nail in top and yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set 0.1 foot below grade unless otherwise noted.

Geodetic coordinates in this table are provided in the format Northing, Easting

(#170)	S89° 30' 28"W	160.38'	N: 1490852.5150' E: 3075459.3622' 1/2" rebar found 0.3' above ground (BeBI_i01)
(#252)	S89° 19' 33"E	156.54'	N:1490852.0512' E: 3075776.2622' BRG PLS capped rebar found 0.2' below ground by steel post with PVC pipe over it.
(#245)	S50° 41' 02"W	254.77'	N:1490692.4725' E:3075422.6319' Rebar lite
(#244)	S84° 34' 39"W	228.03'	N:1490852.5150' E:3075459.3622' Rebar lite



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05/09/2024

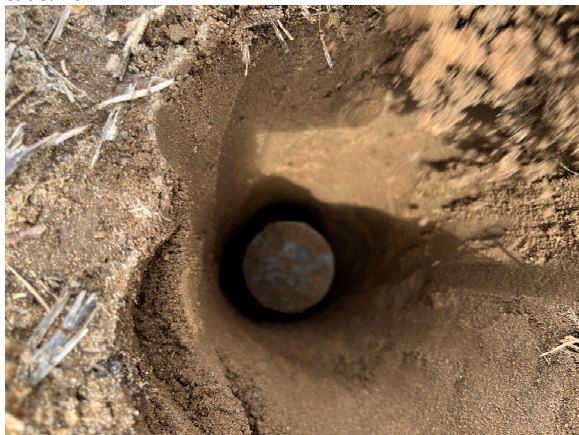


Photo Orientation & Description: From above



Photo Orientation & Description: From South looking North

EXISTING SURVEY HISTORY Include as much detail and history of the corner as known at the time of perpetuation

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1819 By: William Harris, Deputy Surveyor
Where filed or recorded: Monroe County Original Notes Page 237

Original monument: Post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None given		°	
		°	

Notes:

SUBSEQUENT CORNER RESTORATION:

None Found

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

DocumentDate	SurveyID	Surveyor	Description	InstrumentNo
6/12/2004	RSID002183	Sheppard, Michael E.	Plat of Section Corner Re-Establishment Survey. Owen/Monroe Line.	

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND BY THE MONROE COUNTY SURVEYORS OFFICE: Include, search area or areas, search procedure, etc.

Date of Field work/Search: 01/30/2024, 03/11/2024 & 05/09/2024 By: MES/JMG Monument Found: Harrison monument set BTs or Reference Objects Found: No, but references were established. Project #: 24-001 Field Book: 55, page 69 & 70, also field book 56, page 19 Notes: I set the Harrison incorrectly on 03/11/2024, then dug it out and moved it to correct location on 05/09/2024.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is in a crop field with no visible occupation in the immediate vicinity. We reached the corner by parking at a locked gate off of West Sand College Road, directly South of the corner and just East of the property around a house at 8000 West Sand College Road and walking North to the corner.

MONUMENT PRESERVATION: Describe work done to preserve existing monument.

Monument was buried in a crop field; at a depth I think farm equipment will not reach. GPS coordinates were established on its location and references were made.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.

The Harrison monument (#503) was set at the extension of a line beginning at a railroad spike in a tree root at the Southwest corner of Section 32, Township 11 North Range 2 West (BeanBI_e25), through a 1/2" diameter rebar found at the Northeast corner of Section 5/Northwest corner of Section 4, Township 10 North Range 2 West (BeBI_I01) and at record distance of 243 Links (±160.38') from the rebar at BeBI_I01. Uncertainties associated with this corner would be relative to the rebar found at said BeBI_I01. The theory of location discussion relative to the 1/2" rebar at BeBI_I01, on it's reference tie sheet is herein reprinted as follows: The first survey of modern origin, I uncovered that showed a rebar (or any monument for that matter after the original wood post), is a



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survey by Edmund O. Farkas dated November 21, 1979, found in the Monroe County Surveyors Office data base as RSID004160. It is not clear from a review of said survey if he set or found the rebar in 1979. I personally visited the site and found the 1/2" diameter rebar on 5-24-2004, while doing a Section corner reestablishment survey for the Owen County surveyors office. At that time, I noted the rebar to be at the North edge of the evident cut of an old, abandoned, east-west road bed (not as visible today as 20 years ago). On my 2004 visit to the site, I noted that the adjoining landowner, appx. 65-year-old Patricia Powell walked us to an area she said her father had always told her the Sections cornered, which was approximately 20.5' South of the rebar. The vicinity she showed us was in the approximate South edge of the apparent cut of the old, abandoned roadway and I observed a 1.1' by 1.3' by 0.3' thick stone lying flat, 0.3' below ground, in a north-south fence line. It appears this is the stone cited in a survey by Jess A Gwinn PLS as found disturbed and reset. The stone was then referenced by Kevin P. Enright, Monroe County Surveyor, on March 14, 2006 and entered into Monroe County Surveyors Office corner records. I revisited the sight in 2006, while doing a survey dated June 7, 2006, recorded in instrument #2006013767. My helper at the time, (Carl Wigal) who had extensive background in building houses, said it looked like a "foundation stone" to him. I observed grooves on the stone supporting his idea that it had at 1 time possibly had steel in and or against it and questioned its validity as a 1800's survey corner stone. In 2014, a survey was conducted by BRG surveying, under the direction of Rachel Oser PLS and in said survey, dated August 8, 2014, and recorded in instrument #2016011069, Mrs. Oser noted that the rebar matched deeds and occupation lines in the area, and accepted the rebar over the stone.

GEODETIC COORDINATES: *Northing:*1490853.9' *Easting:* 3075619.7'

BASIS OF GEODETIC COORDINATES:

The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83_NO_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover and/or with a Sokkia Set 510 Total Station radially from points located with GPS. Distances obtained with GPS have not been adjusted to ground. To adjust grid distances to ground distances multiply them by a scale factor of 1.000041208.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 32 or 33 Township 11 North Range 2 West, by Michael E. Sheppard of the Monroe County Surveyor's Office dated June 18, 2024.

CERTIFICATIONS:



Michael E. Sheppard

Date: 6/18/2024
Michael E. Sheppard
State of Indiana
Professional Surveyor
No. 20100021



Trohn Enright-Randolph

Date: 6/18/2024
Trohn Enright-Randolph
Monroe County Surveyor



Accepted by the Monroe
County Surveyor Review
Board on 6/18/2024

Donna B. B. B.



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